

INCH-POUND
MIL-DTL-28804/10E
28 October 2005
SUPERSEDING
MIL-C-28804/10D
12 April 1991

DETAIL SPECIFICATION SHEET

CONNECTORS, SOCKET CONTACT, ELECTRIC, RECTANGULAR,
HIGH DENSITY, POLARIZED CENTER JACKSCREW,
SIZE 22, CRIMP REMOVABLE

This specification is approved for use by all Departments and Agencies of the Department of Defense.

The requirements for acquiring the product described herein shall consist of this specification sheet and MIL-DTL-28804.

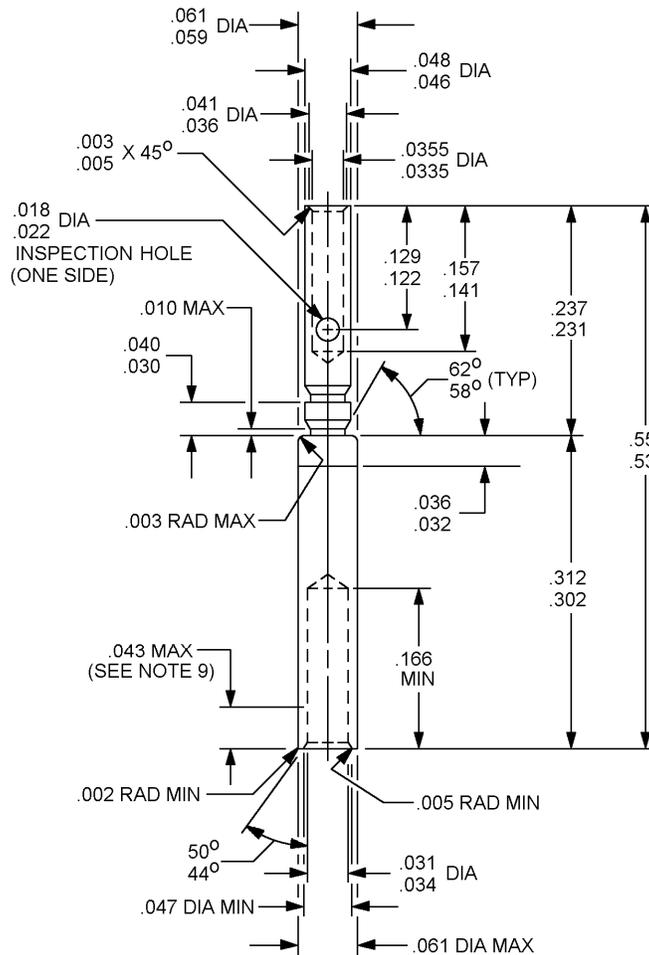


FIGURE 1. Connector, socket contact, size 22.

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Inches	mm	Inches	mm	Inches	mm
.002	0.05	.035	0.890	.122	3.10
.003	0.08	.0355	0.902	.129	3.28
.005	0.13	.036	0.91	.141	3.58
.010	0.25	.040	1.02	.157	3.99
.018	0.46	.041	1.04	.166	4.22
.022	0.56	.043	1.09	.231	5.87
.030	0.76	.046	1.17	.237	6.02
.031	0.78	.047	1.19	.302	7.67
.032	0.81	.048	1.22	.312	7.92
.0335	0.851	.059	1.50	.53	13.5
.034	0.86	.061	1.55	.55	14.0

NOTES:

1. Dimensions are in inches.
2. Metric equivalents are given for information only.
3. Machined surfaces shall have 63 or better nominal roughness grade (Ra) in accordance with ASME B46.1 unless otherwise specified.
4. Remove all burrs and sharp edges, .003 - .005 (0.09 – 0.13 mm) RAD unless otherwise specified.
5. All diameters shall be concentric with each other within .004 (0.10 mm) Total Indicator Runout (TIR).
6. Dimensions shown apply after plating.
7. For use in MIL-DTL-28804.
8. For mating contacts, see MIL-DTL-28804/9.
9. Point at which a square ended pin of the same basic diameter as the mating contact first engages the socket contact spring.

FIGURE 1. Connector, socket contact, size 22 – Continued.

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REQUIREMENTS:

Dimensions and configuration: See figure 1.

Locator: M22520/2-01 crimp tool shall be used. Locator shall be M22520/2-36.

Installing/removal tool: M81969/1-04 or suitable equivalent.

Part or Identifying Number (PIN): M28804/10-1.

Referenced documents. In addition to MIL-DTL-28804, this document references the following:

MIL-DTL-28804/9
ASME B46.1

Changes from previous issue. The margins of this specification are marked with vertical lines to indicate where changes from the previous issue were made. This was done as a convenience only and the Government assumes no liability whatsoever for any inaccuracies in these notations. Bidders and contractors are cautioned to evaluate the requirements of this document based on the entire content irrespective of the marginal notations and relationship to the last previous issue.

CONCLUDING MATERIAL

Custodians:

Army – CR
Navy – EC
Air Force – 11
DLA - CC

Preparing activity:
DLA – CC

(Project 5935-4826-000)

Review activities:

Army – AT, MI
Navy – AS, MC
Air Force – 99

NOTE: The activities listed above were interested in this document as of the date of this document. Since organizations and responsibilities can change, you should verify the currency of the information above using the ASSIST Online database at <http://assist.daps.dla.mil>.